

A Study of the Electrical Characteristics of
GaAs p-n Junctions Used as Solar Cells, by
M. B. Kagan,

RUSSIAN, per, Fizika i Tekhnika Polupro-
vodnikov, Vol 1, No 6, 1967, pp 918-924.
NLL Ref: 5207 (1287)

Sci-Elect
Jan 69

777.643

PBTL Valence Band, by Kolomoyets, 11 pp.
RUSSIAN, per. Fizika i Tekhnika Poluprovodnikov,
Vol 1, No 8, 1967, pp 1222-1228.
ACSI-K-2590
FSTC-HT-23-2039-72

Jul 72

Electrical Properties of Boron, by
O. A. Golikova, M. Zh. Zhubanov, 6 pp.
RUSSIAN, per, Fiz. i Tekhn. Poluprovod-
nikov, Vol 2, No 4, 1968, pp 548-551.
Dept of Navy APL/JHU T-2164.

Sci/Phys
Oct 68

368,945

ВІДІКА І ТЕРМІНА ПОВІДНОВИЖКУ

КУБІ ВІД 0700-707

70-11317-20L (0)

ABC - LA - 4104 - L2

Investigation of the Valence Band of Lead Telluride
by Using the Transfer-----, by I. A. Chernik, 14 pp.
RUSSIAN, per, Fizika i Tekhnika Poluprovodnikov, Vol 2,
No 6, 1968, pp 773-780.
ACSI K-2602
FSTC-HT-23-2035-72

July 72

**Theory of the Thermoelectric and Thermomagnetic
Properties of Bismuth at Low Temperatures, by
I. Ya. Korshak. 18 pp.**

**RUSSIAN, per, Fiz Tekh Poluprov, Vol 2, No 10,
1968, pp 1425-1435.**

NASA TT F-12,466

**Sci-Chem
Dec 69**

398,482

**Effect of a Small Transverse Perturbation on the
Helical Instability in the Oscillator; by**

B. A. Uspenskiy, I. M. Vilkul.

**RUSSIAN, per, Fiz Tverd Poluprov, Vol 2, No 10,
1968, pp 1436-1440.**

ADP-R-5866

**Sci-Phys
Mar 70**

403,214

Electrical Properties of p-InP, by
V. V. Galavanov.
RUSSIAN, per, Fizika i Tekh Poluprov, Vol 3,
No 1, 1969, pp 120-122.
NLL Ref:8036.625 (trans 244)

Sai-Phys
Feb 70

401,473

Klimkova, O. A.

Effect of X radiation on certain parameters of silicon
P-N junctions.

FIZIKA I TEKHNIKA POLUPROVODNIKOV, 1969, pp 286-288
FTD-HT-Special 71-153

REQ TR CHECK

12-5-7

T032

ENGLISH TITLE UNKNOWN

KAZANTSEV G A; TAUBKIN I I

UR: FIZIKA I TEKHNIKA POLUPROVODNIKOV

1969, pp 288-291

*Q process**MT-24-71 0916 m28*

Agency: Harry Diamond Laboratories

P.O.#:

R-10936-8
8 15 869Title: Variational Method of LCAC for Amorphous
Semiconductors

Author: Gubanoff, A.T.

Source: Physics and Techniques of Semiconductors, Vol. 3,
No. 5, 1969

pp 651-657 2 pp

Language: Russian

Special Instructions: Please translate and type 1 copy.

Investigation of the Non-Linear Electrical
Characteristics of Organic Semiconductors Based
on Modified Polymers, by B.I. Merkulov and
A.V. Vannikov
RUSSIAN, per, Fizika i Tekhnika Poluprovodnikov,
Vol. 3, No. 8, 1969, pp. 1196-1200.
C.E. Trans. 5402

Feb 1971

Distribution of Phosphorus Introduced Into Silicon
by Ion Bombardment at Arbitrary Orientation Rela-
tive to the Ion Beam, by V. K. Vasilyov, and
Ye. I. Zorin.

RUSSIAN, per, Fiz Tekh. Poluprov., Vol 3, issue 12,
1969, pp 1877-1879

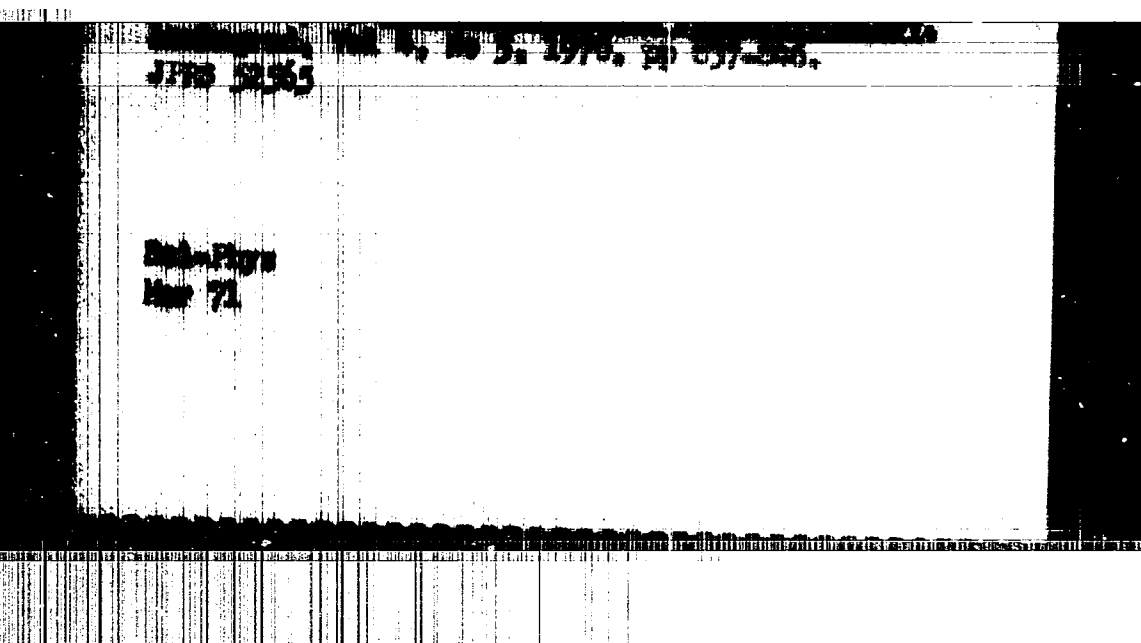
FTD HT Special 71-60

mar 71

Radiation perturbation in copper-doped gallium
arsenide, by A. S. Papeiko, and E. E.
Radovskii.

RUSSIAN, per, Fiz. Tekh. Poluprov., Vol 4, No 1,
1970, pp 142-144
FTD-HT Special 326-70

sci
nov 70



Fizika i Tekhnika Poluprovodnikov, Vol 4, No 8,
Aug 1970, pp 1417-1614.

Full tr by The American Institute of Physics,
Vol 4, No 8, Feb 1971, pp 1213-1390.

Available by Serials

Mar 71

DESIGN AND EXPERIMENTAL INVESTIGATION OF A HIGH VOLTAGE PHOTOELECTRIC GENERATOR

LANDSMAN, A. LANGUAGE=RU COUNTRY=UR

FIZIKA I TEKHNIKA POLUPROVODNIKOV =10, VOL 4,
LENINGRAD, 1970 P 1922-28

FSTC-HT-23-0143-73

FIZIKO-TEKHNICHESKIE PROBLEMY RAZRABOTKI
ISKOPAEMYKH

Begins with Vol 1, 1965

Order from Plenum Publishing Corporation

apr 72

Tasks of This New Journal, 5 ID.
RUSSIAN, per, Fiiziko-Tekhnicheskoye Problemy
Razrabotki Poleznykh Iskopayemykh, No 1,
1965, pp. 3-6.
JPRS 31103

USER
Earth Sci & Astron
Aug 65

284,033

Some Problems of Mining Science, by N. A.
Chinskii, 11 pp.
RUSSIAN, per, Fiziko-Tekhnicheskoye Problemy
Razrabotki Poleznykh Iskopayemykh, No 1,
1965, pp. 7-12.
JPRS 31103

USSR
Earth Sci & A tron
Aug 65

284,034

Results of Research on Electric-Arc Thermal
Drills, by M. F. Zhukov, G. N. Pokrovskiy
and V. Ya. Smolyakov, 10 pp.
RUSSIAN, per, Fiziko-Tekhnicheskiye Problemy
Razreshotki Poleznykh Iskopayemykh, No 1, 1965,
pp. 32-39.
JPRS 31103

USSR
Earth Sci & Astron
Aug 65

284,035

Physics and Engineering of High-Power Ultrasonics.
Vol I: Sources of High-Power Ultrasound(to be
included as Part of Dr. Lewis Balamuth's
Ultrasonic Technology Series.) Vol II: High-Power
Ultrasonic Fields: Vol III: Physical Principles of
Ultrasonic Tehnology. by L. D. Rozenberg.
RUSSIAN, rpt, Fizika i Tekhnika Moshchnogo
Ul'trazvuka, 1967.
*Plenum Press

Sci-Phys
Jun 67

Atomic Absorption Spectral Analysis. 391 pp.
RUSSIAN, EN, Fizika i Tekhnika Spektral'nogo
Analiza - Biblioteka Inzhenera. Seriya
Vypuskatsya pod Obshchim Rakovodstvom. Komissii
po Spektroskopii A N SSSR, 1966,
*CFSI TT 69-55015

UO-4

AEO-tr-6979

sci/physics
mar 69

Selection of Optimum Conditions of Excitation
of an Electroluminescent Matrix Screen during
Photographic Recording of Information Taken from
a Digital Computer, by V. M. Korsunskiy, 8 pp.
RUSSINAR, rpt, Fiziko Tekh Voprosy Kibernetiki,
Doklady, No 2, 1967, pp 81-89.
AIR/FTD/MT-24-405-69

Sci/Elec
May 70

Fizika Tverdogo Tela, 1965-1971.

Cover-to-Cover by The American Institute of Physics.

Available at Ly Serials

Mar 73

Solid State Physics, by Yu. I. Noytey, 26 pp.
RUSSIAN, per, Fizika Tverdogo Tela, 1968, pp 3-20.
ARM/PSTC/HT-23-521-70

Sci/Phys
Dec 70

PHYSICS OF THE UPPER ATMOSPHERE

KATASEV, L. A. LANGUAGE-RU COUNTRY-UR

FIZIKA VERKHNĖY ATMOSFERY

GIDROMETEDIZLAT, MOSCOW DIV., MOSCOW, 1971 12
5 PP

FSTC-HT-23-0591-73

Physiology of the Vestibular Analyser, by
V. V. Parin, et al. 250 pp.
RUSSIAN, bk, Fiziologiya Vestibulyarnogo
Analizatora, 1968, pp 5-240.
NASA TT F-616

Sci-B&M
Sep 70

Physics of the Interaction of Ions and Atoms,
by N. N. Litavitskiy.
Moscow, U.S.S.R., Fizika Vysokomoloviy i
Atomov, 1970, approx. 240 pp.
CONSULTANTS BUREAU/PLASMA PHYSICS

sci/earth sci
oct 69

393,095

Physiology of Higher Nervous Activity, 56 pp.
RUSSIAN, mono, Fiziologiya Vysshey Nervnoy
Deyatelnosti, Chast' II. Ulovnyye Refleksy i
Adaptivnoye Povedeniye. V Serii Rukovodstvo po
Fiziologii, Moscow, 1971, pp 2, 39-43, 180-188,
224-234, 240-255, 280-289, 327-331.
JPRS 57634

CSO: 0723/73 Completed Special 16 pp 280-289

Dec 72

Physics of Air-Sea Interaction, by S. A. Kitaigorodskiy.
RUSSIAN, bk, Fizika Vzaimodeistviya Atmosfery i Okeana,
1970.
*NTIS TT 72-50062

July 72

Agency: Picatinny Arsenal
P.O.No. Req. 52-71

R-12050-D
3 March 1971

Title: Plane Direct Shock Wave

Author:

Source: Physics of Explosions. Book 1, pp. 185-190

Language: Russian

Instructions: Please translate & type one copy only.

REQ TR CHECK

20-9-2

TGR

SET OF PROGRAMS FOR STUDYING NONSTATIONARY
PROCESSES IN A NUCLEAR INSTALLATION WITH GAS
COOLANT ISOTHERMAL APPROXIMATION.

ARKEMETCHIKOV YE F

UR: FIZIKA YADERNYKH REAKTOROV. No 1,
1968, pp 224-228

NEED ABSTRACT

*Process in as**MT 72-24-1702**neg**10/13/72*

FIZIOL ZHURNAL SSSR, IMENI I. M. SECHENOV

Not below

Ukraine - Fiziol Zhur

*Russ Fiziol Zhur
(immi)*

check Volume no!

UK - Low volume Nos.

Zhirmunskaya, Ye. A.

A glossary of terms used in human electroencephalography
6 pp.

FIZIOLOGICHESKIY ZHURNAL SSSR imeni I. M. SECHENOVA,
Vol 51, No 2, 1965, pp 275-277

JPRS 29511

apr 65

A Simple Micromanipulator for Insertion of Electrodes
into the Brain, by A. M. Malekhnova and V. L. D'yakonov,
6 pp.

RUSSIAN, per, Fiziologicheskii Zhurnal SSSR Imeni I. M.
Sechenova, Vol LI, No 2, Feb 65, pp. 273-280.
JPRS 30003

USSR
Sci-B/M
May 65

279,829

Results Of the Tenth Congress Of the All-Union
Society Of Physiologists Inent. I. P. Pavlov,
by V. N. Chernigovskiy, 6 pp
RUSSIAN, per, Fiziologicheskii zhurnal SSSR imeni
I. M. Sechenova, Vol LI, No 3, 1965, pp 405-409.
JPRS 29857

USSR
Sci-B/M
May 65

279,367

Peculiarities of Gas Exchange Studies under
Rarefied Atmospheric Conditions, by N. A.
Agadzhanyan and I. R. Kalinichenko, 8 pp.
RUSSIAN, per, Fiziologicheskii Zhurnal SSSR
imeni I. M. Sechenova, Vol 51, No 7, Jul 1965,
pp. 793-798.
JPRS 33057

USSR
Sci-B/M
Jan 66

293,640

Influence of Different Grades of Hypoxia on
Sensitivity to Epileptogenic Agents and on
Certain Functional Properties of Motor Forma-
tions of the Brain, by S. A. Molina, 10 pp.
RUSSIAN, per, Fiziologicheskiy Zhurnal SSSR
imeni I. M. Sechenova, Vol 51, No 7, Jul 1965,
pp. 799-805.
JPRS 33056

USSR
Sci-B/M
Jan 66

293,641

Spatial Dynamics of the Left Ventricle and
Phase Structure of the Cardiac Cycle, by
El L. Karpman, V. S. Sinyakov.
RUSSIAN, per, Fiziologicheskii Zhurnal SSSR,
Vol 51, No 7, 1965, pp 832-837.
OFSTI TT-66-61760

116 (U) 11/11 1-26-66

324,398

Sci - Biol & Med
May 67

Interceptive Electrical Reactions in Cortex
Before and After Cord Transection, by
I. A. Bulygin, K. A. Easthurin, et al. 20 pp.
RUSSIAN, per, Fiziologicheskii Zhurnal SSSR,
Vol 51, No 8, 1965, pp 926-935.
CFSTI TT-66-61522

Sci/BQ#
Apr 67

322,457

Physiological evaluation of the Avers e-
Reference Technique for Recording Potentials,
by L. V. Slivenko, T. A. Korolkova, et al. 25 pp.
RUSSIAN, per, Fiziologicheskii Zhurnal 1965,
Vol 51, No 8, 1965, pp 943-951.
CESTI TT-66-61302

Sci/B&E
Apr 67

522,488

Change in Oxygen Pressure in the Heart
Muscle during Ascent and Acceleration,
by Ye. A. Kovalenko and V. I. Koral'kov,
12 pp.

RUSSIAN, per, Fiziologicheskii Zhurnal izdat
I. M. Sechenova, Vol 51, No 3, Aug 1965,
pp. 966-973.
JPRS 33066

USSR
Sci-B/M
Jan 66

293,636

The Electrical Reactions of the Rat Cochlea in
Response to Short Audible Signals (Clicks), by
I. A. Vartanyan, A. M. Maruseva, 8 pp.
RUSSIAN, per, Fiziologicheskii Zhurnal SSSR im.
I. M. Sechenov, Vol 51, No 9, 1965, pp 1037-1042.
ARM/PSTC/HT-23-292-72

Mar 72

Effect of Hypoxemia and Hypercapnia on Intra-
ocular Pressure and Tonus of Intraocular Vessels,
by S. Ya. Masanov, 13 pp.
RUSSIAN, per, Fiziologicheskii zhurnal SSSR,
Vol 51, No 9, Sept 1965, pp. 1057-1065.
JPRS 32847

USSR
Sci-B/M
Nov 65

292,232

Trend of Oxidative Processes in Denervated
Muscle with Aging, by P. I. Grishko,
RUSSIAN, per, Piziol Zh SSSR Sechenov,
Vol 51, No 9, 1965, pp 1094-1099.
NNW NIH 12-8-65

Sci/B&M
Mar 66

297,117

Adaptation in Renal Receptors: An Electro-
Physiological Investigation, by Yu. L. Zinov.

17 pp.

RUSSIAN, per, Fiziologicheskii Zhurnal SSSR,
Vol 51, No 9, 1965, pp 1116-1122.

CESTI TT-66-61323

Sci/B&M

Apr 67

322,490

Chamber with Automatic Device for Dosage and
Automatic Feeding of Gas Mixtures, by A. V.
Pogrebkova, 6 pp.
RUSSIAN, per, Fiziologicheskii zhurnal SSSR,
Vol 51, No 9, Sept 1965, pp. 1133-1136.
JPRS 38847

USSR
Sci-Engr
Nov 65

292,233

Change of Muscular Working Capacity After
Exposure of Man to Hypokinetic Conditions,
by N. I. Maranov, N. Ye. Panferov,
RUSSIAN, per, Fiziologicheskii Zhurnal SSSR
Soviet Physiological Journal of the USSR,
Vol 51, No 11, 1965, Moscow, pp 1351-1355
Dept of Navy Hqs Trans 3124-70

FTD-HT-23.36-68 P10016 8868-V 67p
VJ

Sci-B&H
Nov 70

Cerebellar Control of the Afferent Stream in
the Visual System, by M. V. Khunbalyan,
RUSSIAN, per, Fiziologicheskiy Zhurnal, Vol
LI, No 12, 1965, pp 1397-1402.
CFBTI TT 66-61998

Sci-BAM

Jun 67

327,912

Intracranial Blood Content during Gravitational Stress in Rats Adapted to Hypoxia,
by A. A. Shurubura, Z. I. Barbasheva and
Ya. Ye. Moskalenko, 7 pp.

RUSSIAN, per, Fiziologicheskiy Zhurnal SSSR
imeni I. M. Sechenova, Vol 51, No 12,
Dec 1965, pp. 1474-1477.
JPRS 34698

USSR

Sci-B/M

Apr 66

297,994

Active Selection by Animals and Humans of
Nitrogen-Oxygen and Helium-Oxygen Mixtures,
by I. S. Breslav, A. G. Zhironkin and Ye. N.
Salatsinskaya, 8 pp.

RUSSIAN, par, Fiziologicheskii Zhurnal SSSR
in. I. M. Sechenova, Vol 51, No 12, Dec 1965,
pp. 1501-1506.
JPRS 34698

USSR
Sci-B/M
Apr 66

297,995

Operative Procedure for Resection of Intestinal Mucous Membranes in Chronic Experiments with Dogs, by I. T. Kurtsin and V. K. Bolondinskiy,

RUSSIAN, per, Fiziologiya Zhurnal SSSR, Vol LII, 1966, pp 112-113.

1911090600

ABC ANL-tr-355

Sci-BQM

Nov 66

✱

313,694

Oxygen and Carbon Dioxide Tension of the Blood
in Hypoxia, Hypercapnia and Hypocapnia, by Ye.
A. Kovalenko and V. I. Korol'kov, 10 pp.

RUSSIAN, per, *Fiziologicheskii zhurnal SSSR*

imeni I. M. Sechenova, Vol LII, No 2,

Feb 1966, pp. 172-178.

JPRS 34987

USSR

Sci-B/M

Apr 66

299,247

New Method for Prolonged Continuous Record-
ing of Blood Pressure in Dogs During Exercise,
by S. N. Ksents and Yu. V. Shcherbakov,
RUSSIAN, per, Fiziologiya Zhurnal SSSR, Vol
LII, 1966, pp 198-201. 1911090566
ABC ANL-tr-357

Sci-M&B
Nov 66

313,693

Model of a Circulatorily Isolated Dog's Head
and Isolated Sinocarotid Zone with Cross
Blood Supply for Studying Circulation in the
Brain, by S. S. Mikhaylov, 5 pp.

RUSSIAN, per, Fiziologicheskii zhurnal SSSR,
Vol LII, No 2, Feb 1966, pp. 201-204.
JPRS 34987

USSR
Sci-B/M
Apr 66

299,248

Method for Repeated Sampling of Blood From
the Portal Vein, by N. Sh. Amirov,
RUSSIAN, per, Fiziologiya Zhurnal SSSR, Vol
LII, 1956, pp 312-313. P911088766
AEC ANL-tr-358

Sci-B&H
Nov 66

313,692

Acryl Plastic Illumination Channels for
Intravital Microscope Examination of
Animal Tissues, by S. A. Seleznev and
L. G. Vanynkov,
RUSSIAN, per, Fiziologiya Zhurnal SSSR,
Vol LII, 1966, pp 604-606. P011088566
ABC ANI-tr-359

Sci-B&M
Nov 66

313,691

Conjugate Bilateral Functioning of the Vestibular Apparatus, by G. I. Gorgiladze.
RUSSIAN, per, Fiziol Zh SSSR Sechenov, Vol 52,
No 6, 1966, pp 669-676.
HKW-NIH (Only on Loan)
2-34-68

Sci-B&M
Mar 68

350,743

Change of Blood Insulin Activity in Healthy
People at Administration of Glucose, by
G. G. Alekseyeva, et al,
RUSSIAN, per, Fiziol Zh SSSR Sechenov, Vol
LII, No 6, 1966, pp 746-749.
HBN-NIM-12-9-66

Sci-B*
Jan 67

318,171

Normal Electrocardiogram of the Rabbit, by E. M.
Ariol, 5 p.
RUSSIAN, per, Fiziol Zhurnal SSSR, Vol 52, No 6,
1966, pp 750-753. P911188767
ANC ANL Tr-424

327,875

Sci - Biol & Med
Jan 67

Determination of Extracellular Water in
Different Tissues, According to the Inulin
and Chlorine Distribution in Them and
Employment of the Data Obtained for a Calcula-
tion of the Intracellular Concentration of
Electrolytes, by M. S. Iarenko, N. G.
Kochomazova.

RUSSIAN, per, Fiziol Zh SSSR Sechenov, Vol 52,
No 6, 1966, pp 765-770.

P910271167

1/2 W. N. H. 2. 2. 2.

Sci - Chem

Aug. 67

332,096

Oxygen Pressure in Vivo of Various Muscles
in Small Animals, by L. A. Isukian,
RUSSIAN, per, Fiziol Zh SSSR Sochenov, Vol
III, No 6, 1966, pp 771-775.
HEW-VIII-12-17-66

Sci-B&H
Jan 67

318,179

Anal. Computer for Analyzing Electroen-
cephalograms, by Ye. Ya. Voytinskiy and
V. A. Prymishnikov,
RUSSIAN, per, Fiziologicheskii Zhurnal SSSR
imeni I. M. Sechenova, Vol LII, No 6, 1966,
pp 777-781.
ATD 66-109

Sci-Equip
Doc 66

315,500

Importance of the Amplitude of Pulse Pressure
Fluctuations for the Activity of the Carotid
Sinus Baroreceptors, by V. I. Filistovich,
Ya. I. Gero, 13 pp.
RUSSIAN, per, Fiziologicheskii Zhurnal SSSR,
Vol 52, No 7, 1966, pp 874-882.
F100340267
FTD-HT-66-753

Sci-B&M
Jan 68

346,495

The Pneumocardiophones, by R. N. Bayevskiy,
V. A. Ivanov, 6 pp.
RUSSIAN, per, Fiziologicheskii Zhurnal SSSR,
Vol 52, No 10, 1966, pp 1273-1275.
P100016268
FTD-HT-67-484

Sci-ISM
Feb 68

350,593

Fiziologicheskii Zhurnal SSSR

1966 Vol 52, No 11, pp 1289-1296

NS, N4, p390 (NS)

order from NTC

Fiziologicheskii Zhurnal SSSR
1966, Vol 52, No 11, pp 1297-1304 NS, N4, p411 (NS)

order from NTC

Changes In The Erythrocytes Of Rats Trained To
Hypoxia, by A I Barbashova and G I Grigor'yeva,
11 pp
RUSSIAN, per, Fiziologicheskiy Zhurnal USSR in I
M Sechenov, Vol 52, No 11, November 1966,
pp 1946-1952
JPRS 39506

Sci - BSM
Jan 67

318, 55

Characteristics of the Development of Hypoxemia
and the Effectiveness of a Liquidation of it in
Middle-Aged People, by V. M. Volkov.

RUSSIAN, per, Fiziol Zh SSSR Sechenov,
Vol 52, No 11, 1966, pp 1353-1355.

HISW NINI

9-16-68

Sol/B&M
Nov 68

368,485

ARMY/Bio.Lab

T-554-1

R-8759-D

6 Oct 67

Title: Contactless Pneumography of Small Laboratory
Animals and Method for Quantitative Determination
of Their Pulmonary Ventilation.

By: Uspenskiy

From: Fiziologicheskii Zhurnal SSSR 52(11):pp 1394-1398,
1966

Russian - Est. for. wds.:

Please translate and type 1 camera ready copy.
Document can be cut. Please make cover as sample
attached. T-554-1

Prolonged Confinement of Man in a Gas Medium
Containing a High Amount of CO₂. by A. G. Kuz-
netsov, I. R. Kalinichenko.

RUSSIAN, per. Fiziolozicheskii zh SSSR imeni
I. M. Sechenova, Vol 52, No 12, 1966, pp 1460-
1462.

Dept of Navy/API/JHU T-2068

Sed-B and M
Dec 67

346,604

Fiziologicheskii Zhurnal SSSR

1967 Vol 53, No 1, pp 82-90

NS, N3, p 350 (NS)

order from NTC

Fiziologicheskii Zhurnal SSSR

1967 Vol 53, No 2, pp 150-158

NS, N3, P341 (NS)

order from NTC

Fiziologicheskii Zhurnal SSSR
1967 Vol 53, No 2, - 164-168

RTS-5533 (NLL)

order from NTC

Fiziologicheskii Zhurnal SSSR
1967, Vol 53, No 5, pp 479-487

NS,N2, P177 (NS)

order from NTC

L. D. Luk'yanova

Study of the interrelationship between bioelectric activity of the brain and its consumption of oxygen during vibrational action. 12 pp

RUSSIAN, Fiziologicheskiiy zhurnal USSR, Vol 53, No 5, 1967, pp 563-570

NASA TT F 14,570

sept 72

The Second Sibirskiy Conference on Water-Salt
Metabolism and Kidney Function in Novosibirsk,
by Dr. V. Kotel'nikov, 6 pp.
Moscow, 1967, Trudy Sibirskogo Nauchnogo Tsentra,
May 1967, Vol. 33, No. 5, pp. 609-611.
2000 10000

10000
Sib-10000
Aug 67

113,900

Action Mechanism of Diethylamide of Lysergic
Acid (DLA) on the Central Nervous System, by I.
P. Anakhina, 14 pp.
RUSSIAN, per. Fiziologicheskii Zhurnal SSSR imeni
I. M. Sechenova, Vol LIII, No 9, 1967, pp 1016-
1023.
JPRS 43738

Sci-B and M
Jan 68

308,463

Fifty Years of Soviet Physiology, 16 pp.
RUSSIAN, per, Fiziologicheskii Zhurnal SSSR,
No 11, Nov 1967, pp 1269-1281.
JPRS 44064

Sci-B and M
Feb 68

349,062

Development of Physiology in Siberia during the
30 Years of the Soviet Regime, by Ye. F. Larin,
V. A. Pegel', 9 pp.
RUSSIAN, per. Fiziologicheskii Zhurnal SSSR,
No 11, Nov 1967, pp 1261-1267.
JPRS 44064

Sci-B and M
Feb 68

349,063

Eighth Conference on Age Morphology,
Physiology, and Biochemistry, by R.L. Rabin-
ovich, 5 pp.
RUSSIAN, per, Fiziologicheskii Zhurnal SSSR,
Leningrad, Feb 68, pp. 255-256.
JPRS 45,209

Sci-Bio. and Med.Sci.
April 68

355,961

On the Interrelationship Between the
Reaction of Assimilation of Photostimulation
Rhythm and the Pattern of the Background
Activity in Human EEG, by G. N. Boldyreva.
RUSSIAN, per, Fiziologicheskii Zhur. SSSR,
Vol 54, No 3, 1968, pp 261-269.
CEGB Trans 1055

Mar 72

Behaviour, "Spontaneous" and Evoked Activation of
the Brain, by V. Storm.

RUSSIAN, per, Fiziologicheskii Zhur. SSSR (Sechenov
Journal of Physiology USSR), Vol 54, No 3, 1968,
pp 276-281.

O. A. trans 1056

sci/mechan engr

Nov 71

About the Application of Principles of Dynamic
Programming to the Study of Regulation of
Intracranial Blood Circulation, by
Yu. Ye. Loskalenko, V. V. Menshutkin, et al.
11 pp.
RUSSIAN, Per, Fiziologicheskii Zhurnal SSSR,
Vol 54, No 8, 1968, pp 923-929.
AIR/FTD/41-24-102-69

sci/b and en
dec 69

397,421

A Method of Determining the Placing of Electrodes in
the Brain by Dimethyl-Glyoxime, by A. V. Iprus,
L. Ye. Karu.

RUSSIAN, per, Fiziologicheskiy Zhurnal SSSR, Imeni
I. M. Sechenova, Vol 54, 1968, pp 1380-1381.

Dept of Navy APL/JHU T-2514

May 71

On the Origin of the Mueticomponent Character
of the Orthodromal Root Radix in Rats, by
V.N. Semegin, 13 pp.
RUSSIAN, per. Fiziol Zh SSSR IM Sechenova,
Vol 55, No 2, 1969, pp 138-144.
ACSI-K-0274

Oct 71

Diurnal Changes in Dark Adaption and Light
Sensitivity at Different Times of the Year,
by L. M. Duriлова, N. A. Sukhovskaya. 10 pp.
RUSSIAN, per, Fiziologicheskiy Zhurnal, Vol 55,
No 3, 1969, pp 300-308.

ACSI-J-7725

FETC-HT-23-082-70

Sci-Phys
Feb 70

401,690

**EEG Characteristics of the Coupled Activity
of the Cerebral Hemispheres During Exercise
and Muscular Work in Man, by T. I. Kryova.
RUSSIAN, par, Fiziologicheskii Zhurnal SSSR
in. I. M. Sechenova, No 4, 1969, pp 402-407.
ABST 3-6979
ID 2204004369**

**Sci-BM
Sept 69**

391,284

Comparative Characteristics of Electrical Reactions
in Sympathetic Efferent Neurons to Centrifugal
and Centripetal Effects, by I. A. Bulygin,
O. Ya. Sokolovsky. 13 pp.
RUSSIAN, per, Fiziologicheskiy Zhurnal SSSR, im.
I. M. Sechenova, No 4, 1969, pp 445-453. 453
ACSI-J-6953
ID 2204004569

Sci-Phys
Jan 70

400,250

Micromanipulator With Stepping Motor for Micro-
electrode Physiological Investigations, by
S. A. Yevdokimov.
RUSSIAN, per, Fiziologicheskii Zhurnal SSSR, Imeni
I.M. Sechenova, Vol 55, 1969, pp 389-391.
Dept of Navy APL/JHU T-2518

May 71

Problems of Physiological Adaptation and Behavior
in Ecologico-Physiological Studies, by A. D. Slonim.

18 pp.

RUSSIAN, per, Fiziol Zhurnal SSSR, Vol 55, No 8,
1969, pp 920-928.

NASA TT F-12,889

Sci-B&M

May 70

The Binocular Interaction in the Visual Cortex of
Rats, by V. L. Bianki, 8 pp.
RUSSIAN, per, Fiziologicheskii Zhurnal SSR Imeni I M
Sechenova, Vol 56, No 3, 1970, pp. 381-388.
ACSI J-9697

May 71

Multiparameter Autonomous EEG Analyzer for
Operative Testing of the Functional Condition
of a Human Operator, by A.I. Atabekyants,
8 pp.
RUSSIAN, per. Fiziologicheskii Zhurnal SSSR,
Vol 56, Mar. 1970, pp 443-446.
ACSI-K-0225

Oct 71

"Effect of Intensity of the Desadapting Photic
Stimulation of Restoring the Light of the
Visual Center in Human", by V.I. Shostak and
Ye. A. Obikhova, 6 pp.

RUSSIAN, per. Fiziologicheskiy Zhurnal SSSR
Imeni I.M. Sechenova, Vol 56, No 4, 1970,
pp 558-562.

ACSI-K-0214

Nov 71

Physiological Indices of State of Brain and
Muscle During High-Altitude Acclimatization, by
A. A. Aydaraliyev, V. A. Dzerzhavskiy, 12 pp.
RUSSIAN, per. ~~English~~ ~~German~~ ~~French~~ ~~Italian~~ ~~Japanese~~ ~~Portuguese~~ ~~Spanish~~ ~~Swedish~~ ~~Thai~~ ~~Turkish~~ ~~Ukrainian~~ ~~Vietnamese~~
L. A. Sakhnev. Leningrad, Vol. 56, No 9, 1979;
pp 1281-1294.
JPRS 52200

20-2 and 11
Jan 71